

**Abstract of the Disclosure**

The invention is a plasticizer for nitrocellulose based resins, a method for plasticizing a nitrocellulose based resin and a nitrocellulose based paint containing the plasticizer. The plasticizer contains a mixture of (i) at least one isobutanol ester of a fatty acid with 8 to 24 carbon atoms. The acids can be  
5 saturated or unsaturated, linear or branched, and contain at least one epoxy group per molecule and (ii) at least one methyl ester of a fatty acid with 16 to 18 carbon atoms which acids can be saturated or olefinically unsaturated, linear or branched.